

SP

Johnson (2003)

note from Gary Johnson
NDOW @ IIT meeting
@ USFS Office, Elk, NV

2/20/03

NEVADA DIVISION OF WILDLIFE COLUMBIA BASIN GAWS INFORMATION

South Fork Omhyee River Drainage - Habitat Data

Stream	Survey Period	Total Length mi.	Length Surveyed	Water Status cfs	Beaver Status	Sample Stations	% Optimum Habitat
South Fork Omhyee River	7/95	80.0	20.0	85 - 95	none	20	39.8
Little Omhyee River	10/88	15.0	1.5	dry	none	0	
Fourmile Creek aka Chino Creek	6/77	25.0	12.0	0.51	none	10	44.6
Winters Creek	6/77	6.0	5.0	0.33	none	5	45.7
Cottonwood Creek	8/61	1.5	0.5	min.	active	0	n.d.
Bull Run (Canyon) Creek	9/80	20.0	1.5	5 est.	none	3	66.7
Indian Creek	6/87	14.5	4.1	0.71	active	8	61.1
Winters Creek	6/87	7.8	5.4	n.d.	active	9	75.7
Mitchell Creek	6/87	7.4	3.6	0.21	old activity	9	65.5
Wall Creek	6/87	5.8	2.0	0.14	old activity	5	68.0
Silver Creek	7/87	12.0	3.2	2.29	active	6	53.1
Stoff Creek	7/87	2.0	1.3	min.	none	Ocular	n.d.
Breakneck Creek	7/87	3.8	2.8	1.06	inactive	6	55.1
Cottonwood Canyon	7/87	4.8	1.7	min.	none	Ocular	n.d.
Whiterock Creek	6-7/87	6.0	3.4	2.47	active	4	60.7
Echo Canyon	7/87	1.6	0.5	Int.	none	Ocular	n.d.
Edgemont Creek	7/87	3.7	1.1	min.	inactive	Ocular	n.d.
Wilson Creek	9/86	7.0	3.0	2.30	none	5	35.6
Frost Creek	9/87	6.0	3.5	0 - 0.14	inactive	2	45.3
Cap Winn Creek	8/87	5.4	5.4	0.14 - 0.35	inactive	7	46.6
North Fork	9/87	1.7	1.7	0.01 - 0.11	old cuttings	3	65.5
South Fork	8/87	1.6	1.8	0.07	none	1	52.5
Doby George Creek	8/87	5.0	4.3	0 - 0.11	active	4	60.4
Columbia Creek	7/87	7.8	5.7	0.71 - 3.88	active	13	62.2
Blue Jacket Creek	7/87	4.8	4.1	0.35 - 4.24	active	9	61.0
Deep Creek	9/87	16.0	2.1	min.	old activity	Ocular	n.d.
Ott Creek	9/87	1.5	1.7	Int.	old activity	Ocular	n.d.
Red Cow Creek	7/88	9.5	9.3	0 - 0.56	old cuttings	11	39.0
Big Cottonwood Creek	6/77	13.0	12.5	0.21	old activity	11	45.2
Marsh Creek	9/78	5.5	2.3	1.55	none	5	56.0
Bull Creek	9/78	4.5	3.0	0.18	old activity	4	51.0
Boyd Creek	9/78	4.3	3.0	0.46	active	4	58.3
Jack Creek	8/99	8.7	6.5	1.8 - 10.9	inactive	9	67.1
Schoonover Creek	10/78	3.0	3.0	1.17 - 1.45	active	4	55.2
Coffin Creek	10/78	1.5	1.5	0.35 - 0.88	none	3	52.1
Chicken Creek	10/78	3.5	3.5	0.87	none	5	53.3
Mill Creek	10/78	1.7	1.7	0.25 - 1.09	active	3	73.1
Mill Creek #2	10/78	0.4	0.4	2.86	none	2	50.9

East Fork	10/78	2.5	2.5	2.33 - 4.31	old cuttings	3	55.1
South Fork	10/78	1.5	1.5	1.59 - 2.37	none	2	58.1
Dorsey Creek	10/78	1.5	1.5	0.60 - 1.09	none	2	78.2
Niagara Creek	11/61	5.5	0	2.5 - 4.5	none	Ocular	n.d.
Snow Canyon	9/78	7.0	5.5	0 - 4.59	active	7	49.9
Unnamed Trib. A of Snow Canyon	9/78	2.5	2.5	0.25	none	2	57.4
Trib. A of Unnamed Trib. A	9/78	0.5	0.5	0.14	none	1	45.1
Unnamed Trib. C of Snow Canyon	9/78	0.8	0.6	0.35	none	1	61.9
Unnamed Trib. D of Snow Canyon	9/78	0.5	0.5	0.85	none	1	56.3
Jeritt Canyon	9/78	9.8	6.6	0 - 0.39	inactive	3	62.5
Steer Canyon	9/78	1.9	1.9	0.03 - 0.18	none	3	48
Unnamed Trib. A of Steer Canyon	9/78	0.5	0.5	0.04	cuttings	1	40.1
Dry Creek	8/78	2.0	dry	0	none	Ocular	n.d.
Burns Creek	9/78	10.7	3.8	0 - 1.45	old activity	5	44.7
Italian Spring Creek	9/78	1.2	1.2	0.04	none	1	47.9
Little Spring	9/78	0.3	0.3	0.25	none	1	39.8
Spaghetti Canyon	9/78	1.7	1.7	0 - 0.04	none	3	46.1
Smith Creek aka Schmitt Creek	9/78	3.7	2.8	0.28 - 0.81	none	5	54.3
Unnamed Trib. B of Smith Cr.	9/78	0.5	0.5	0.25	none	1	46.2
Unnamed Trib. C of Smith Cr.	9/78	0.3	0.3	0.28	none	1	45.8
Sixmile Canyon	11/80	8.4	0.7	n.d.	active	2	57.3
Taylor Canyon	10/80	12.0	7.8	1 est.	active	9	37.8
Waterpipe Canyon	7/86	5.0	5.0	4.24	active	5	52.2
McCann Creek	6/88	10.2	7.5	1.4	active	8	57.3
Berry Creek	7/99	3.7	0	0.25	none	0	n.d.
Indian Creek	8/77	13.0	6.0	Int.	old cuttings	6	45.1

Totals 436.5 211.3 263

EAST FORK OWHYEE RIVER DRAINAGE ABOVE WILDHORSE DAM - HABITAT DATA

Stream	Period of Survey	Total Length mi.	Stream USFS	Ownership BLM	Private	Riparian Stations	Habitat Stations	Percent Optimum Habitat	Water Status cfs	Beaver Status
Deep Creek	8/78	8.0	0.8	7.2	0.9		3	46.0	0 - 0.32	old dams
Unnamed creek of Deep Cr.	8/78	1.7	0.8	0.9	2.3		1	19.9	0.21	old dams
North Fork	8/78	2.9	0.6	2.3	1.5		4	51.3	dry	none
Middle Fork	8/78	2.5	1.0	1.5	2.0		5	61.0	0 - 0.15	old dams
South Fork	8/78	3.7	1.7	1.8	3.0				0.18 - 0.39	present
Clear Creek	8/78	4.1	2.3	1.8	4.5		4	46.7	dry	?
Riffe Creek	8/78	4.7	1.7	3.0	0.4		1	46.2	0.35 - 0.78	present
Unnamed Trib. C of Riffe Cr.	8/78	1.7	1.3	0.4	7.9		8*	59.2	0.39	present
Perrod Creek	10/77	4.5		4.5	4.6		7	36.5	2.3 - 2.6	present
Hay Meadow Creek	10/85	8.3		0.4	4.6		5	47.3	0.64	none
Thompson Creek	10/77	4.6		4.6	2.4		4	63.2	0 - 0.04	none
Gold Creek	10/77	2.8	0.4	2.4	0.5		0	poor - fair	n.d.	present
Hammond Canyon	10/88	1.3	0.8	0.2	0.2		0	fair	0 to trickle	old dams
Coleman Canyon	10/88	2.0	1.8	0.2	4.4		4	72.8	0 to trickle	present
Martin Creek	6/77	7.7	3.0	0.3	2.5		3	77.5	2.3	present
Sweet Creek	10/77	2.5		2.5	1.3		2	50.5	0.57	present
Rosebud Creek	9/77	2.0	0.7	1.3	0.7		0	n.d.	0.05 - 0.09	old cuttings
Big Bend Creek	6/88	2.7	2.0	0.7	0.4		4	54.3	low	present
Mill Creek	6/88	3.1	2.7	0.4	1.8		4	61.2	0.30	old dams
Hendricks Creek	8/88	3.5	1.7	1.8	0.7		0	fair - good	0 - 0.21	present
Gardner Creek	8/88	1.3	0.6	1.0	2.8		0	v. poor-fair	int	old dam
Poorman Creek	9/88	3.8	2.8	1.0	8		8	62.4	low	old dams
Warm Creek	6&8/88	5.8	3.0	2.8	32		54		0.07 - 0.85	present
Totals		85.2	29.7	0.7	54.8					

* Three stations were located on lower Martin Creek on private land.

Unsurveyed Streams

East Fork Owyhee River
Hanks Creek
Delaware Creek
Chicken Creek
Clear Creek
Jacks Creek
Crooked Creek
Unnamed Creek

EAST FORK OWHYEE RIVER DRAINAGE BELOW WILDHORSE DAM - HABITAT DATA

Stream	Period of Survey	Total Length mi.	USFS	Private	O. I. R.	Riparian Stations	Habitat Stations	Optimum Habitat	Water Status cfs	Beaver Status	Concerns
East Fork Whyee River	10/00	35.0	8.7	10.6	15.7	0	0	59.8	0.55 - 1.10	active dams	Excessive livestock use in th
Beaver Creek	8-9/86	9.3	5.8	3.5		0	16		0.15	active dams	Some livestock trampling.
Unnamed Trib. A of Beaver Cr.	9/86	2.0	2.0			0	2		0.05	old cuttings	Some livestock trampling.
Unnamed Trib. B of Beaver Cr.	9/86	0.3	0.3			0	1		0.08	old cuttings	Some livestock trampling.
Unnamed Trib. D of Beaver Cr.	9/86	0.8	0.8			0	1		0.11	none	Some livestock trampling.
Unnamed Trib. E of Beaver Cr.	9/86	0.4	0.4			0	1		0.71 - 6.64	active dams	Excessive livestock use alor
Badger Creek	8/86	8.3	7.8	0.5		0	15	64.8	int.	old cuttings	Excessive livestock use alor
Unnamed Creek of Badger Cr.	9/86	1.8	1.8			0	1	75.9	int.	none	Excessive livestock use alor
Allegany Creek	9/88	9.7	8.9	1.8		0	3	44.1	int.	old dams	Excessive livestock use alor
Cold Springs Creek	8/88	2.5	2.5			0	4	40.8	0.21	active dams	Excessive livestock use in th
Van Duzer Creek	8/86	9.0	3.3	5.7		0	12	64.4 & 55.6	1.51 - 6.00	active dams	Excessive livestock use in th
Chicken Creek	7/86	3.8	2.1	1.7		0	1	67.1	0.21	none	Excessive livestock use alor
Cobb Creek	7-8/86	4.5	3.8	0.7		0	8	65.3	0.45 - 1.76	active dams	Excessive livestock use alor
Unnamed Trib. A of Cobb Cr.	7/86	1.7	1.7			0	3	61.2	0.19	none	Excessive livestock use alor
Banty Gulch	8/86	2.5	2.4	0.1		0	4	62.6	5.30	active dams	Flow diverted into Springs C
Lime Creek	8/86	2.6	2.4	0.2		0	17*	62.2	0.10 - 3.11	active dams	Excessive cattle use in lowe
Trail Creek	8/86	8.6	3.7	4.9		0	1	64.4	int.	none	Many irrigation diversions
Gravel Creek	8/86	3.4	3.4			0	3	61.3	0.07 - 0.44	old activity	Lack of vegetative bank cov
Road Canyon	8/86	2.7	1.7	1.0		0	2	61.0	0.42	none	Livestock grazing causing br
Deer Creek	8/86	3.8	1.5	2.3		0	4	53.1	<0.10 est.	old activity	Excessive livestock use in lc
Springs Creek	8/86	1.9	1.3	0.6		0	2	62.3	0.025	old dams	Lack of vegetative bank cov
Wood Gulch	8/86	4.0	3.7	0.3		0	2	62.7	0.071	old cuttings	The culvert may be a fish ba
Hutch Creek	7/86	2.0	2.3	0.5		0	2		1.52	none	Presence of a deep channel
Timber Gulch	7/86	1.0	1.0			0	3	54.1	0.57	old cuttings	Flow diverted into fields.
Alexander Creek	7/86	2.6	2.6			0	1	50.3	0.11	old cuttings	Excessive cattle use is prev
Unnamed Tributary of Sheep Cr.	7/86	0.8	0.8			0	1		1.24	none	Excessive cattle use.
Twin Creek	7/86	0.3	0.3			0	1		min.	none	Culvert fish barrier and heac
Spring Creek	7/86	0.9	0.5	0.4		0	9	65.0	0.03	active dams	Insure livestock graze in the
Maggie Gulch	7/86	5.5	4.0	1.5		0	2	55.1	0.35 - 3.53	active dams	Culvert fish barrier and heac
Mill Creek	7/86	2.0	2.0			0	12	63.6	0.34	active dams	Polluted lower reach is prev
Unnamed Trib. A of Mill Cr.	7/86	6.0	6.0			0	7	60.7	0.18 - 1.13	active dams	Excessive livestock use will
McCall Creek	8/91	6.8	4.2	2.6		4	4	69.1	0 - 0.18	active dams	Excessive livestock use in th
California Creek	7/91	3.8	3.8			4	4	62.5	0.32	none	Excessive livestock use is p
North Fork	7/91	2.0	2.0			1	1	82.7	0 - 0.07	old dams	The good livestock manager
Dip Creek	7/91	2.1	2.1			4	4	69.3	0.11 - 0.35	active dams	The stream and fish status s
Big Springs Creek	7/91	2.0	2.0			4	4				Excessive livestock use in th
South Fork (California Cr.)	7/91	2.1	2.1			4	4				

Pixley Creek	7/83	2.1	2.1			5	5	66.0	0.44 - 1.05	active dams	
Slaughterhouse Creek	6/91	4.9	4.1	0.8		5	5	51.0	0.18 - 3.96	active dams	Stream appeared to be heal
Browns Gulch	6/91	4.1	4.1			6	6	57.6	0.32 - 1.87	active dams	Excessive use of upper strai
Miller Creek	6-7/91	3.1	3.1			5	5	55.8	0.04 - 0.51	active dams	The aspen stands may neec
West Fork (Slaughterhouse Cr.)	7/91	2.8	2.8			4	4	45.8	0.21 - 0.63	active dams	Excessive livestock use of th
Fawn Creek	7/87	2.0	2.0		3.8	0	4	53.1	0.22	old activity	Excessive livestock use of th
Right Fork of Unnamed Trib. A	7-8/86	2.0	2.0			0	3	62.7	n.d.	old activity	Excessive livestock use of th
Left Fork of Unnamed Trib. A	7-8/87	2.3	2.3			0	6	63.4	n.d.	old activity	Excessive livestock use of th
Trib. A of Unnamed L. F. Trib. A	8/87	1.4	1.4			0	1	44.5	0.14	old activity	Excessive livestock use of th
Totals		184.5	129.8	40.0	19.5	47	172				

The three lower sample sites were included with Trail Creek when in actuality the sites were in lower Van Duzer Creek.

SHEEP CREEK DRAINAGE - HABITAT DATA

Stream	Stream Year	Ownership		Number of Stations	Habitat		Beaver Status
		FS	PVT		Habitat	Condition Index	
Sheep Creek	8/88	0.2	2.0	3	3	60.8	none
Cottonwood Creek	7/90	1.8		2	2	68.6	none
Alder Creek	7/90	1.7		2	2	53.6	old dams
Little Alder Creek	7/90	2.0		0	0	ocular	unknown
Salmon Creek	8/88	5.4	2.4	4	4	78.4	active dams
Little Salmon Creek	8/88	2.0		0	3	n.d.	none
Hillside Spring	8/88	0.3	0.8	2	2	59.8	active dam
Cold Springs	8/88	0.6		2	2	71.2	none
Merritt Creek	7/98	4.0	3.8	14	14	59.3	active dams
Willis Creek	7-8/88	1.6	3.0	8	8	58.7	inactive dams
Rain Creek	7/88	2.0	1.0	2	2	72.2	active dam
Ramsey Draw	8/88	2.3	0.1	4	4	68.1	active dams
Black Canyon	8/88	1.3	0.4	3	3	69.2	active dam
Log Creek	8/88	3.4		6	6	69.4	active dams
Porcupine Creek	7/88	1.4		0	3	ocular	none
Little Log Creek	8/88	0.95	0.05	0	0	ocular	none
Sagehen Creek	8/88	1.3	0.7	4	4	70.4	none
Walker Creek	6-7/88	2.6	0.4	6	6	70.5	active dams
Yankee Bill Gulch	7/88	1.0	0.4	2	2	66.4	old activity
Ditch Creek	8/88	1.9	0.5	5	5	58.0	old dams
Clover Creek	7/88	1.2		0	0	ocular	old dams
Corral Creek	7/88	1.3		0	0	ocular	none
Upper Merritt Creek Trib.	8/88	1.0		2	2	65.4	none
Totals		41.25	15.55	71	77		

BRUNEAU RIVER DRAINAGE - HABITAT DATA

Stream	Survey Period	BLM FS	Habitat	Number of Stations	Riparian	USFS	Habitat Condition Index	Beaver Status	Comments
							Percent of Optimum		
							BLM Private		
Bruneau River	9/98 & 7/85		28	13	77.2	49.9	25.8	active dams	Survey below McDonald Creek.
Dolly Creek	7/85		8			50.1		old/recent dams	
Mason Creek	10/85		6			inc.	42.1	active dams	Livestock damage is apparent.
Willow Creek	9/89 & 9/77		13	7	55.2	60.4	inc	active dams	Resurvey to evaluate the effects of sheep only use.
Middle Fork	9/89		5	6	60.5			active dams	Resurvey to evaluate the effects of sheep only use.
East Fork	9/89		3	3	53.9			old aspen eatout	Resurvey to evaluate the effects of sheep only use.
Annie Creek									Seek permission to survey.
South Fork									Seek permission to survey.
Seventy-six Creek	9/77 & 10/98		14	9	72.1		71.9	active dams	Assess connectivity with the Bruneau R. and effect of pvt diversions.
Badger Creek									Seek permission to survey.
Copper Creek	7/85 & 7-8/90		10	10	63.8	40.5	inc	active dams	Restrict livestock use along lower BLM/pvt.
Meadow Fork	7/90		3	3	62.8				Restrict livestock use in the drainage.
Cornwall Creek									Seek permission to survey.
Echo Creek									Seek permission to survey.
Deer Creek	8/90		4	4	54.0			none	Livestock damage concerns which may now be mute.
Cottonwood Creek	8/90		4	4	61.0			none	Livestock damage concerns which may now be mute.
Badger Creek	8/90		1	1	63.3			none	Survey the entire stream and determine the upstream limit of fish.
Miller Creek	7/90		5	5	69.4			none	Reassess the fish population now that no water has been diverted.
Coon Creek	7/90		10	10	69.8			none	Stream temperature data lacking from headwaters.
Little Coon Creek	7/90		3	3	59.4			none	
Wickiup Creek	8/74		0					none	Poor fisheries habitat due to low flow and lack of pools.
Young American Creek	8/74		0	0				none	Poor fisheries habitat due to low flow and lack of pools.
Meadow Creek	9/88		10	10	74.3			active dams	Cessation of water diversion necessitates resurvey of the lower reach.
Tennell Creek	6/89		3	3	52.7			none	A spring flow through a road should be rerouted to prevent erosion.
Tennessee Gulch	6/89		7	7	60.5			inactive dams	Spotted frog habitat; riparian livestock damage concerns.
Rattlesnake Canyon	8/90		3	3	65.2			none	Reassess the fish population since the 1992 fire.
Telephone Creek	6-7/89		7	7	77.6			active dams	Continue to monitor effect of livestock to insure compatibility.
Sand Creek	6-7/89		6	6	66.2			inactive dams	Livestock damage concerns in the upper reach.
Little Telephone Creek	7/89		2	2	71.3			inactive dams	Livestock damage concerns necessitate a resurvey of habitat condition
Vincenti Canyon Creek	7/89		2	2	73.6			recent cuttings	Assess stream permanency and reassess livestock damage concerns.
Taylor Creek	6/89		0	0	58.4			none	Livestock use concerns and evaluate the culvert for fish passage.
Indian Johnnie Creek	6-7/89		7	7	66.0			inactive dams	Livestock use concerns in the upper reach of stream should be reeval
Coffeepot Creek	6/89		8	8	63.0			old cuttings	Reevaluate the stream habitat since the 1992 fire.
McDonald Creek	6-7/90		14	14	63.7			old dams	Livestock damage concerns in the upper reach.
Hicks Creek	7/90		6	6	65.1			old cuttings	
Cat Creek	7/90		4	4	57.4			old cuttings	none
Taylor Creek			0	0					Promote better livestock management; resurvey the lower in a normal
									Survey stream habitat and fish population.

Deep Creek

0
196
364

0
157
301

Survey stream habitat and fish population.

WEST FORK JARBIDGE RIVER DRAINAGE - FOREST PORTION -HABITAT DATA

Stream	Habitat			Beaver Status	Recommendations
	Survey Period	Sample Sites	Condition Rating		
West Fork Jarbidge R.	9&10/85	17	67.0	old evidence	Work to lessen the impacts of the road on the river habitat.
Fox Creek	8/92	4	78.5	none	Additional thermograph data is warranted.
Pine Creek	8/92	7	63.6	none	
Bear Creek	6/92	7	76.3	none	Seek to modify a domestic water diversion to allow fish passage.
Deer Creek	6&7/92	7	67.2	old evidence	none
Jack Creek	9/92	7	67.0	none	none
Jenny Creek	8&9/92	2	72.3	none	The upper reach of stream could be surveyed.
Buck Creek	7/92	5	52.1	active dams	Lessen livestock impact on the FS..
West Fork Buck Creek.	7/92	3	51.5	old evidence	Lessen livestock impact on the FS.
East Fork Buck Creek	7/92	3	56.5	old evidence	Lessen livestock impact on the FS.
Corral Creek	7/92	4	63.6	none	Lessen livestock impact on the FS; survey pvt land below FS.
Sanovia Creek	7/92	0	dry on FS		The private land portion of stream should be surveyed.
Columbet Creek	7/92	2	66.3	none on FS	Lessen livestock impact on the FS; survey pvt land below FS.
Dorsey Creek	8/92	5	50.7	none on FS	Lessen livestock impact on the FS; survey pvt land below FS.
Totals		73			

EAST FORK JARBIDGE RIVER DRAINAGE - FOREST PORTION -HABITAT DATA

Stream	Survey Period	Sample Sites	Habitat Condition Rating	Beaver Status	Recommendations
East Fork Jarbidge R.	8/8/93	13	73.3	active dams	The BLM portion of stream should be surveyed.
Dave Creek	7/93	5	53.3	none on FS	Survey the stream below the FS Bdy; resurvey FS stream habitat.
Robinson Creek	7/8/93	8	62.0	none	Improved livestock grazing in the head drainage.
Jim Bob Creek	7/93	3	68.3	none	The upstream limit of fish occupation should be determined.
Slide Creek	7/8/93	12	61.9	none	The upstream limit of fish occupation should be determined.
Gods Pocket Creek	7/93	5	60.4	none	none
Fall Creek	8/93	10	59.3	none	The upstream limit of fish occupation should be determined.
Cougar Creek	8/93	5	63.4	none	none
Totals		61			

EAST FORK BRUNEAU CANYON - NEVADA ELK MOUNTAIN AND POLE CREEK BENCH PORTION OF DRAINAGE - HABITAT DATA

Stream	Survey Period	Number of Stations	Habitat		Beaver Status	Comments
			Habitat	Riparian		
Deadwood Creek	7/94	2	2	46.4	none	Domestic sheep use in the headwaters shows moderate damage.
(E.F.) of Deadwood Cr.	7/94	2	2	61.7	none	
Deer Creek	7/94	4	4	56.8	none	
Axe Handle Creek	7/94	3	3	54.9	none	
Unnamed Trib. Of Deer Cr.	7/94	2	2	60.8	none	
Unnamed (R.F.) Deer Cr.	7/94	2	2	61.3	none	
Three Creek						
Cherry Creek	7/94	6	6	59.8	active dams	Domestic livestock over-utilization and moderate streambank damage was present.
Deadman Creek	7/94	3	3	55.3	active dams	
Flat Creek	8/94	6	6	57.4	active dams	
Unnamed (R.F.) Flat Cr.	8/94	4	4	62.5	active dams	Moderate streambank damage and aspen over-utilization.
Caudle Creek	8/94	5	5	61.2	active dams	Moderate streambank damage and aspen over-utilization.
Raker Creek	8/94	0	0	0	dry	Moderate streambank damage was present.
Sheep Creek	8/94	4	4	52.4	active dams	Dry
Pole Creek	8/94	0	0	?	?	Moderate streambank damage and aspen and willow over-utilization.
Spring Creek	8/94	0	0	?	none	Only possible permanent water is within the Pole Creek Ranger Station beaver ponds.
						Only water was within Section 26 where severe ungulate damage was occurring.
Totals		43	43			

North Fork Salmon Falls Creek Drainage - Habitat Data

Stream	Survey Period	Total Length mi.	Length Surveyed	Water Status cfs	Beaver Status	Sample Stations	% Optimum Habitat
North Fork Salmon Falls Creek	7-8/80	19.0	19.0	2.0 - 8.3	active	18	68.1
Bear Creek	7/80	4.2	4.2	0.59	active	7	70.3
Shack Creek	7-8/80	3.7	3.7	0.39	active	7	60.8
Unnamed Trib. of Shack Cr.	8/80	0.6	0.6	min.	old activity	1	44.0
Shell Creek	7/80	7.0	7.0	0.25	old activity	9	43.2
Wilson Creek BLM	7/80	6.3	6.3	4.2	active	7	67.2
Wilson Creek USFS	8/95	4.8	4.8	1.0 - 6.0	active	6	66.6
Lime Creek BLM	7/80	1.0	0.1	?	?	1	44.4
Lime Creek USFS	7/95	4.0	4.0	1.9 - 9.4	old activity	8	49.8
Unnamed M. F. of Lime Cr. USFS	8/95	1.0	0.7	0.07	none	1	64.1
Unnamed S. F. of Lime Cr. USFS	7/95	1.0	1.0	0 - 0.11	old cuttings	1	51.5
North Creek USFS	7/95	3.3	2.9	0 - 1.2	old activity	4	63.3
Hawes Creek USFS	7-8/95	3.8	3.8	0.07 - 2.8	old activity	5	59.8
Unnamed Trib. of Hawes Cr. USFS	8/95	1.2	1.1	0.67	old activity	3	69.8
Cold Springs Creek USFS	8/95	2.8	1.5	0.41	old activity	2	65.3
Chimney Creek USFS	8/95	1.5	1.5	0.14 - 2.51	active	3	68.1
Unnamed M. F. of Chimney Cr. USFS	8/95	1.4	0.9	0.28	none	2	58.0
Unnamed S. F. of Chimney Cr. USFS	8/95	1.8	0.7	0.28	active	1	62.9
Willow Creek BLM	7/80	5.0	2.0	0 - 0.26	none	3	45.2
Willow Creek USFS	7/95	2.0	0.4	0.20	none	1	41.1
Totals		70.8	69.2			90	

South Fork Salmon Falls Creek Drainage - Habitat Data

Stream	Survey Period	Total Length mi.	Length Surveyed	Water Status cfs	Beaver Status	Sample Stations	% Optimum Habitat	Comments
South Fork Salmon Falls Creek	10/79	11.5	11.5	1.0 - 7.0 est	active	12	44.4	Moderate to heavy livestock damage.
Canyon Creek BLM	7/80	12.5	12.5	4.24	active	16	47.5	Diversions on lower end and excessive live
Canyon Creek USFS	7-8/96	8.3	8.3	0.39 - 6.37	active	8	59.1	Excessive riparian damage from domestic
Dry Fork	8/96	2.6	2.6	0.18 - 0.81	none	2	54.1	Excessive riparian damage from domestic
Pole Creek BLM	7/80	6.1	6.1	0.48	active	8	53.2	Percent optimum calculation includes Bull
Pole Creek USFS	8/96	3.0	2.2	low	active	0	n.d.	The beaver ponds contained spotted frogs
O'Neil Creek	8/96	3.0	2.5	0 - low	none	0	n.d.	Four of five sample sites were dry.
Bull Camp Spr. outflow BLM	7/80	0.9	0.9	<0.33 est.	none	2	n.d.	Heavy livestock use near boundary fence.
Middle Fork of Canyon Cr. BLM	7/80	3.9	3.9	n.d.	active	6		Percent optimum calculation includes Can
Middle Fork of Canyon Cr. USFS	7/96	1.3	0.8	0.21	old activity	2	65.9	Moderate livestock damage to the stream.
Unnamed S. F. of the M. F. BLM	7/80	0.1	0.1	n.d.	old activity			
Unnamed S. F. of the M. F. USFS	7/96	1.5	1.2	0 - 0.87	old activity	3	78.6	S-1 was dry and excluded from HCI Rating
South Fork of Canyon Cr. BLM	7/80	0.7	0.5	n.d.	old activity	1	?	Percent optimum calculation includes Can
South Fork of Canyon Cr. USFS	7/96	3.4	2.7	0.11 - 0.39	active	6	74.6	
Unnamed S. F. of the S. F. USFS	7/96	1.8	1.1	0.11 - 0.18	none	2	57.6	
Goat Creek BLM		1.1	0	dry?	?	0		
Goat Creek USFS	7/96	2.4	1.4	0 - 0.11	none	1	66.7	The BLM reach of stream was not inspect
Cottonwood Creek BLM	7/88	9.8	9.8			12		Contact BLM for data.
Cottonwood Creek USFS	9/95	6.3	5.1	0.92 - 3.35	old cuttings	7	73.4	Excessive riparian damage from livestock
North Fork of Cottonwood Cr. BLM	11/79	2.9	2.9	n.d.	?	3	44.9	Excessive riparian damage from livestock.
North Fork of Cottonwood Cr. USFS	8/95	4.5	4.0	0.53 - 0.99	active	6	63.1	Excessive livestock use at S-3.
Unnamed Trib. of Cottonwood Cr.	8/95	2.0	1.0	0.36	old activity	2	67.5	none
Middle Fork of Cottonwood Cr. BLM	11/79	2.2	2.2	0 - <0.5 est.	old activity	1	49.7	Excessive riparian damage from livestock.
Middle Fork of Cottonwood Cr. USFS	8/95	4.2	4.2	0.04 - 0.30	old activity	6	60.8	Excessive livestock use at the FS Bounda
Camp Creek BLM	10/79	10.7	10.7	7.2	old activity	16	43.7	Flood damaged stream channel noted from
Camp Creek USFS	6/81	6.2	5.2	18.0	old activity	7	67.1	Survey conducted during late runoff.
North Fork of Camp Cr. USFS	6/81	3.2	3.0	1.0 - 4.9	old activity	6	53.1	Stream channel damaged from flooding.
Right Fork of Camp Cr. USFS	6/81	2.6	0.2	6.5	old activity	1	60.0	Majority of stream was not surveyed.
Sun Creek BLM	10/79	12.0	12.0	1.0 - 4.6	active	16	45.7	Water diversion on private land; flood and
Sun Creek USFS	7/96	4.6	4.6	0.14 - 10.9	active	8	53.3	Beaver are important for providing needed
Middle Fork of Deer Creek BLM	6/80	6.8	6.8	2.8	active	8	46.3	Includes Deer Cr. Upstream of the West F
West Fork of Deer Cr. BLM	10-11/77	5.2	5.2	0.47 - 1.2	old dams	12	64.6	Lowest sample site was dry; excessive live
East Fork of Deer Creek BLM	6/80	6.2	6.2	1.56	active	6	50.6	Excessive livestock damage along lower s
Totals		153.5	141.4			186		

MAINSTEM OF SALMON FALLS RIVER DRAINAGE - HABITAT DATA

Stream	Survey Period	Total Length mi.	Length Surveyed	Water Status cfs	Beaver Status	Sample Stations	% Optimum Habitat	Comments
Salmon Falls River (Upper Canyon)	10/79	6.2	6.2	40		6	59.3	
Salmon Falls River (Contact Reach)	9-10/79	16.1	16.1	41	active	17	40.4	Includes S-9 located east of U.S. 93.
Salmon Falls River (East of U.S. 93)	11/74	13.7	0	60				
Cottonwood Creek	9/79	6.3	6.3	49	active	7	40.7	Excessive livestock use along the creek and Trib.
Unnamed Trib. of Cottonwood Cr.	8/80	12.6	12.6	0 - 0.89	old activity	14	52.1	Cottonwood Cr. Habitat rating includes the Trib. data.
Shoshone Creek	8/80	2.3	2.3	min.	none	3		Two miles of channelization on pvt. excessive livestock use on public.
Cedar Creek	8/80	11.8	11.8	7.02	old activity	14	42.6	The upper reach should be surveyed.
Indian Mike Creek	9/80	8.8	?	0 - low	none	0	n.d.	Survey the lower perennial reach; severe livestock damage was noted.
Bottom Creek	9/80	1.7 Per	?	low	none	0	n.d.	The springs near Hot Cr. and the headwaters should be surveyed.
Milligan Creek	9/80	1.0 Per	?	low	none	0	n.d.	No survey data.
Fall Creek		3.7 Per						No survey data.
Hot Creek		1.7 Per						No survey data.
Trout Creek		1.8 Per						No survey data.
Cow Creek	8/80	12.3 Per	12.3	0.59	old activity	14	40.9	Excessive livestock use along the stream.
Willow Creek	9/80	4.0 Per	?			0		Stream dry below the reservoir; upstream reach has not been surveyed.
Upper Unnamed (W. F.) Trout Cr.	9/80	1.4 Per	?	low	none	0	n.d.	Excessive livestock use; the upper reach should be surveyed.
Unnamed Trib. of Trout Cr.	9/80	9.0	5.0		old activity			Upper 4-mi. not surveyed: excessive livestock damage on lower 5 mi.
Meadow Creek	9/80	2.2	2.2	?	none	1	14.9	Channelized in pvt land below survey area; excessive livestock damage.
Blue Jay Gulch	10/80	5.4 Per	?	low	none	0	n.d.	Excessive livestock use; the upper reach should be surveyed.
Jakes Creek	10/80	3.2	?	low	none	0	n.d.	Stream was almost dry at the road crossing.
Knoll Creek	6/80	1.2	1.2	8.3	none	2	40.5	Excessive livestock damage in a couple areas.
Hanks Creek	10/80	2.3 Per	?	low	none	0	n.d.	Low flow; excessive livestock damage; pvt land diversions suspected.
Quilici Creek	10/80	4.0 Per	?	low	none	0	n.d.	Road along the length; excessive livestock damage.
Valder Creek	10/80	3.4 Per	?	low		0	n.d.	Low flow and excessive livestock damage suggest no fisheries potential.
Turning T Spring of Bloody Gulch	10/80	2.7 Per	?	low		0	n.d.	Road along half the length; excessive livestock damage.
North Fork of Jakes Cr.	7/80	0.8 Per	?	low		0	n.d.	Road along length of stream.
Middle Fork of Jakes Cr.	7/80	1.4 Per	1.4	1.4	none	1	35.5	Moderate livestock damage was noted.
Unnamed Trib. of M. F. Jakes Cr.	7/80	6.8	6.8	1.5 - 2.5	none	7	50.2	Excessive livestock use at lowest elevation sample site.
South Fork of Jakes Creek	7/80	0.9	0.9	low	none	1	21.3	Excessive livestock use along entire stream.
Dry Creek	7/80	6.5	6.5	3.3	active	7	59.2	Channel down-cut in lower reach; excessive livestock use in middle reach
Bull Camp Creek	7/80	9.7 Per	2.2	0.71	none	5	45.0	Excessive livestock use.
Willow Creek	7/80	4.0 Per	11.5	0.91	none	14	56.5	Only about 4.0 mi. perennial flow on 8/7/80.
Cold Springs Creek	6/01	11.3 Int	0			0		No survey data.
North Fork of Willow Cr.		3.8 Per	3.8	0.52	old activity	0	ocular	Warrants a search for amphibians in old beaver ponds.
South Fork of Willow Cr.		3.8 Int						No survey data.
	172.7 Per	109.1				113		No survey data.